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Horizon2020@recherche.gouv.fr

**Partner search**

**Date (16-07-20)**

* **(\*) Indicate numbers of relevant topics for Green Deal call:**

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| LC-GD-3-1-2020 : Closing the industrial carbon cycle to combat climate change |

* **Quick description of the project**

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| **(describe the objectives, activities, partners requested and their skills)** |

* **(\*) Do you intend to apply as? :**

**Coordinator: ~~Yes~~/No**

**Participant: Yes/~~No~~**

**(\*) Either Description of the expertise requested (up to 1000 characters) - *specify which points of the "expected impact" of the call you are targeting***

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| **+ key words:** |

**Or Description of the expertise proposed (up to 1000 characters) - *specify which points of the "expected impact" of the call you are targeting***

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| **Developing innovative, renewable energy driven, catalytic processes, to produce synthetic fuels and chemicals**  TBI - Toulouse Biotechnology Institute Bio & Chemical Engineering of INSA -Toulouse can propose a breakthrough technology transforming C1 molecules into added-value chemicals for a new generation of recyclable / biodegradable / compostable plastics. More specifically, TBI has the expertise to develop at a highly innovative RIA level a biotechnological platform to produce from C1 molecules a large panel of added-value chemicals (various monomers up to 6 carbons in length).  **+key words (photo) catalytic, enzymatic and biotechnological C1 molecules conversion, valuable chemicals** |

**Organisation information**

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| **Organisation and country:**  **INSA - Toulouse, FRANCE** |
| **Type of organisation:**  **□ Enterprise □ SME X Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects.**  **X Yes □ No** |
| **Web address:**  <http://www.insa-toulouse.fr/en/index.html> |
| **Description of the organisation:**  With 14,000 alumni present in all economic sectors, the "Institut National des Sciences Appliquées" of Toulouse, an international, pluridisciplinary, state engineering school, is recognised for the excellence of its five-year education which attracts students of a high academic level and who have obtained excellent results at the Baccalaureat. INSA Toulouse, in accordance with the policy of all the Toulouse establishments and in particular with the Excellence Initiative project, is engaged in the following federating themes: Nano and Multifunctional Materials for Machines and Structures; Extreme Measurements, Non-Destructive Testing; Microbial Systems, Biotechnologies, Water and Processes; Energy Conversion and Optimised Energy Management; Modelling, Simulation and Statistics for Physics, Engineering and Biology; Cyber-Physical Systems, Micro-NanoSystems for Health, Aeronautics and Space. |

**(\*) Contact details**

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| **Country** | **FRANCE** |

**(\*) –Mandatory**